

# FX-090-F75-F/F

## SPD - for data, signalling and telecommunications lines / Coaxial lines / ST1 (FX)

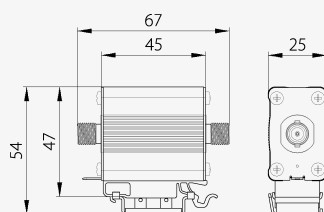
Lightning current arrester for common coaxial lines of receivers

F Connectors 75 Ω

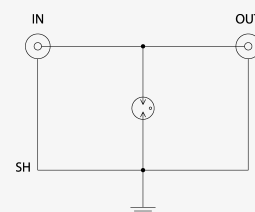
- lightning current arrester with grounded shielding
- installation at the boundary of LPZ 0 and LPZ 1 zones at the line entry into building
- for protection of coaxial lines of TV/SAT receivers and CCTV systems, suitable as the 1st level of surge protection in coordination with the SX type
- suitable for DC power distribution
- lower  $U_p$  (core-PE)



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	D1,C2
Location of SPD	ST 1
Mounting	DIN rail 35 mm
Maximum operating voltage	$U_c$ 70.00 V DC
Nominal load current	$I_L$ 4.000 A
Frequency range	$f$ 0,00 - 2300,00 MHz
Impedance	$Z$ 75 Ω
Insertion loss	0.60 dB
VSWR typ. (max.)	VSWR 1,2 (1,5)
D1 impulse discharge current (10/350 μs) core-PE	$I_{imp}$ 2.50 kA
C2 nominal discharge current (8/20 μs) core-PE	$I_n$ 10.00 kA
C3 voltage protection level mode core-PE at 1 kV/μs	$U_p$ 1 200.00 V
Response time core-PE	$t_a$ 100 ns

Connection (input - output)	<b>F 75</b>
Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-40 / 80 °C</b>
Humidity	<b>5 - 95 %</b>
According to standard	<b>EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012</b>
ETIM Class	<b>EC001466</b>
Customs tariff number	<b>85363010</b>
EAN	<b>8595090542124</b>
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